

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**ATTORNEY DOCKET NO. 045762-0181**

Applicant: Fumio AKAMA  
Title: MULTILAYERED CIRCUIT BOARD  
Appl. No.: Unassigned  
Filing Date: 09/29/2003  
Examiner: Unassigned  
Art Unit: Unassigned

**UTILITY PATENT APPLICATION**  
**TRANSMITTAL**

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the non-provisional utility patent application of:

Fumio AKAMA

Enclosed are:

- [ X ] Application Data Sheet (37 C.F.R. 1.76) (2 pages).
- [ X ] Specification, Claim(s), and Abstract (8 pages).
- [ X ] Formal drawings (2 Sheets, Figures 1A, 1B, 1C, 1D, 1E, 2, 3 and 4).
- [ X ] Declaration and Power of Attorney (3 pages).
- [ X ] Assignment Recordation Cover Sheet.
- [ X ] Assignment of the invention to NIPPON MEKTRON LTD.

Appl. No. Unassigned

The filing fee is calculated below:

	Claims as Filed		Included in Basic Fee	=	Extra Claims		Rate		Fee Totals
Basic Fee							\$750.00		\$750.00
Total	3	-	20	=	0	x	\$18.00	=	\$0.00
Claims:									
Independen ts:	1	-	3	=	0	x	\$84.00	=	\$0.00
If any Multiple Dependent Claim(s) present:						+	\$280.00	=	\$0.00
							SUBTOTAL:	=	\$750.00
[ ]							Small Entity Fees Apply (subtract ½ of above):	=	\$0.00
							TOTAL FILING FEE:	=	\$750.00
Assignment Recordation Fee:						+	\$40.00	=	\$40.00
							TOTAL FEE	=	\$790.00

- [ X ] A check in the amount of \$790.00 to cover the filing fee and fee for recordation of Assignment is enclosed.
- [ ] The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.
- [ X ] The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

*Michael D. Kammer*

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September 29, 2003

Date

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